BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: CONSTRUCTION OF PARKING LOTS AT 16TH A & B CROSS ROAD IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION

1. Parking lot

								Est.Cost.Rs.	4000000
Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 Page no 6 item no 2.1								
	levelling and lowering for parking area								
		cum	1	138.6	8.37	0.3	348.0246		
	Basic rate							249.00	
	Area weightage 6%							14.94	
	5Km lead & Lift= 57+(2*1.28*5)							69.80	
	Total						348.02	333.74	116149.73
2	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305 page no 147 item no19.60								
	Construction of embankment								
	New parking								
	rectangle shape	cum	1	138.6	8.37	0.3	348.02		
	Basic rate							325.00	
	Area weightage 6%							19.50	
	Total						348.02	344.50	119894.47
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No. 13/I.No. 4.2 of CSR 2018-19)								
	PCC1:3:6 (M10)								
	new parking								
	rectangle shape	cum	1	138.6	8.37	0.15	174.01		
	PCC (M10) for gril work								
	for car parking BELOW SSM								
	back side	cum	1	147.3	0.75	0.15	16.57		
	front side	cum	1	147.3	0.75	0.15	16.57		
	Basic rate							5194.00	
	Area weightage 6%							311.64	
	Total						207.15	5505.64	1140519.75

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.13, I.No. 4.5 of PWD SR 2018-19)								
	new parking								
	rectangle shape	cum	1	138.6	8.37	0.15	174.01		
	for parking gril work								
	back side	cum	1	147.3	0.45	0.15	9.94		
	front side	cum	1	147.3	0.45	0.15	9.94		
	Basic rate							5328.00	
	Area weightage 6%							319.68	
	Total						**193.90**	**5647.68**	**1095072.73**
5	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 page no 6 item no 2.3								
	excavation for gril work								
	for parking								
	back side	cum	1	147.3	0.75	0.80	88.38		
	front side	cum	1	147.3	0.75	0.80	88.38		
	Basic rate							299.00	
	Area weightage 6%							17.94	
	5Km lead & Lift= 57+(2*1.28*5)							69.80	
	Total						**176.76**	**386.74**	**68360.16**
6	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 page no 25 item no 5.6								
	SSM for car parking gril work (from toilet to temple)								
	back side	cum	1	147.3	0.45	0.6	41.76		
	front side	cum	1	147.3	0.45	0.6	41.76		
	Basic rate							4596.00	
	Area weightage 6%							275.76	
	Total						**83.52**	**4871.76**	**406885.01**
7	KSRB 5.4-4 : Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. KBS 5.1.13 Pg No 25 item No 5.13								
	SSM for car parking gril work (from toilet to temple)								
	back side	cum	1	147.3	0.45	0.45	29.83		
	front side	cum	1	147.3	0.45	0.45	29.83		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Deduction								
	gates in parking(one entry and one exit)	Cum	2	5	0.6	0.6	-3.6		
	Basic rate							6005.00	
	Area weightage 6%							360.30	
	Total						56.06	6365.30	356816.44
8	Fabricating, providing and erecting in position Hot dip galvanized Gate. Using 72x72x4.8 mm Sq. G I Pipe Frame with top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanized sq.rod for verticals at 150mm c/c , as shown in the drawing including providing hot do galvanized forged ornamental design in between rods and heads at top, middle and bottom. Intermediate supports of 75x12mm and 50x6mm arch bent to hot dip galvanized flats.The work is inclusive of throughing GI, Flat GI Sqm. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials Like GI Sq. GI Pipe, GI Forged designs etc., heavy duty hinges are made out of 75mm sold sq. block assembled with 20mm du bearing in three places for each flop. Heavy duty locking arrangement of low places including cost of labour, painting, erection charges using hoist pulley cranes, with all lead and lift, loading, trasportation, unloading, scaffolding charges and all other.								
	gates in parking(one entry and one exit)	sqm	2	5		2.4	24		
	Data Rate							12475.03	
	Total						24.00	12475.03	299400.72
							Grand Total		3303698.30
							GST Charges (12% of estimated cost)		396443.80
							Data Rate		299400.72
							Miscellenious and rounding		457.19
							Total Amount		4000000.00

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum.
4) The estimate is based on C.S.R of 2018-2019 and approved rates.

Assistant Engineer
BBMP

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Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

Administrative Sanction for Rs. 40.00 lakhs
Forty lakhs only
is accorded under head P-3296
14th finance works
Registered as CE No. ..... Subject
to conditions contained in enclosed memo
No. E.E/YNK/BS/108/2019-20 Dt. 7/3/2020

Executive Engineer

Technical Sanction
Accorded For Rs 40.00 lakhs only
Head of A/C P 3296
CER NO : 369 Dt: 29-03-2020

TA7 CE (YNK)